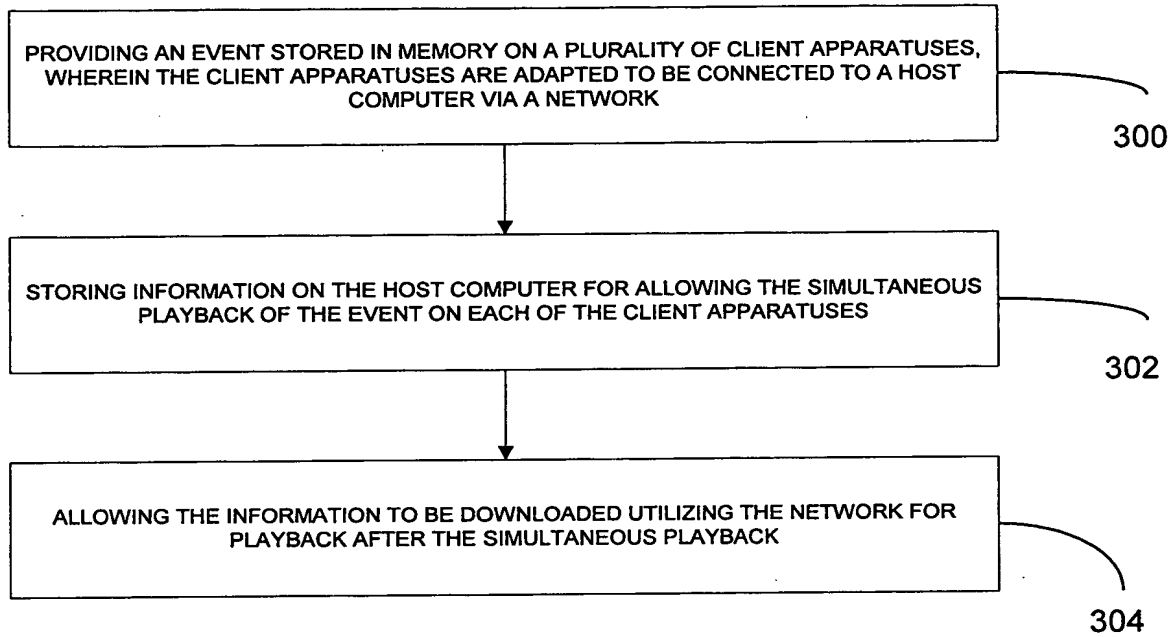


Figure 1

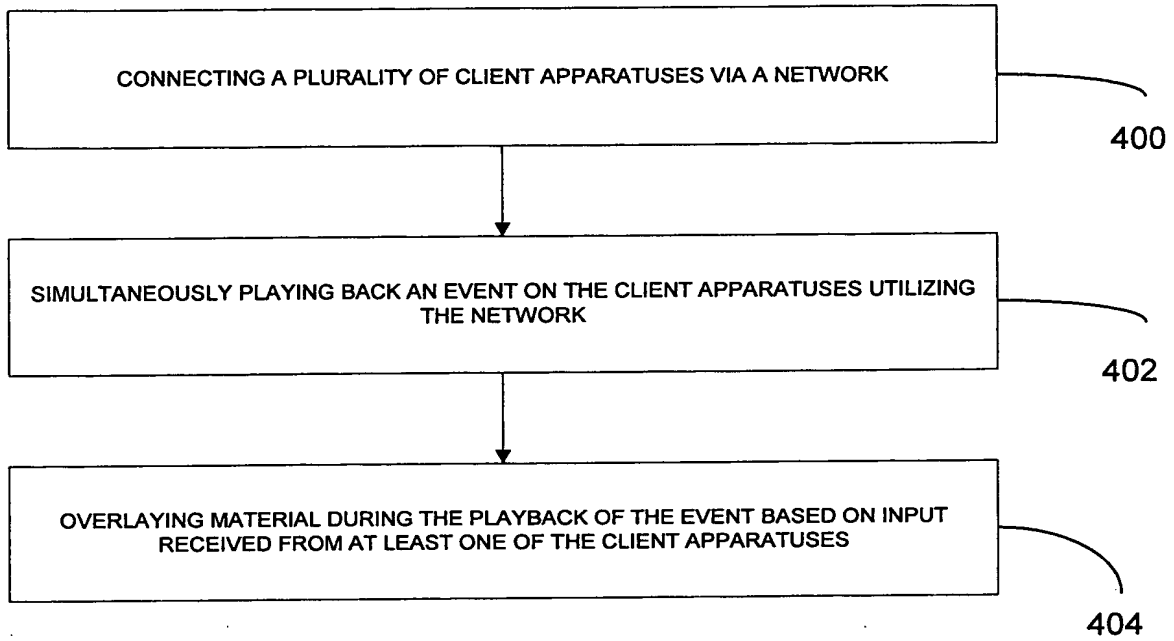
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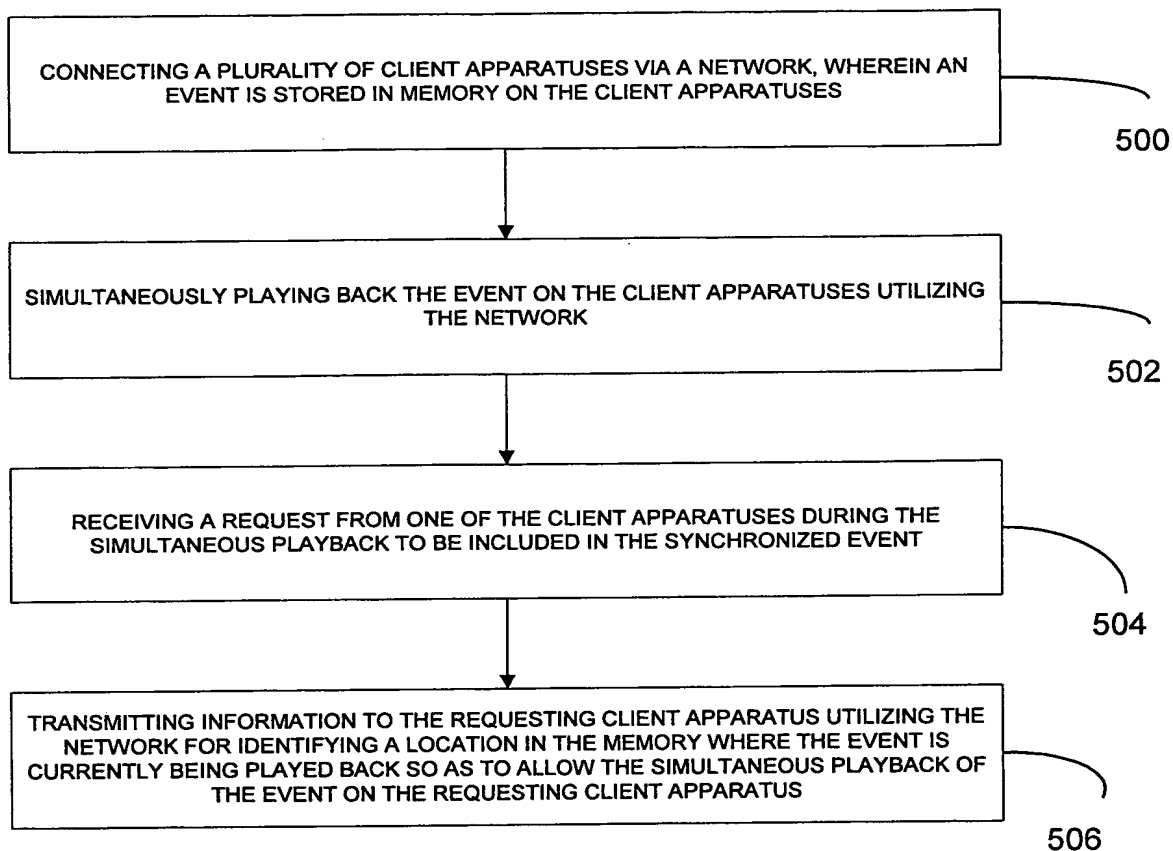
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**Figure 3**

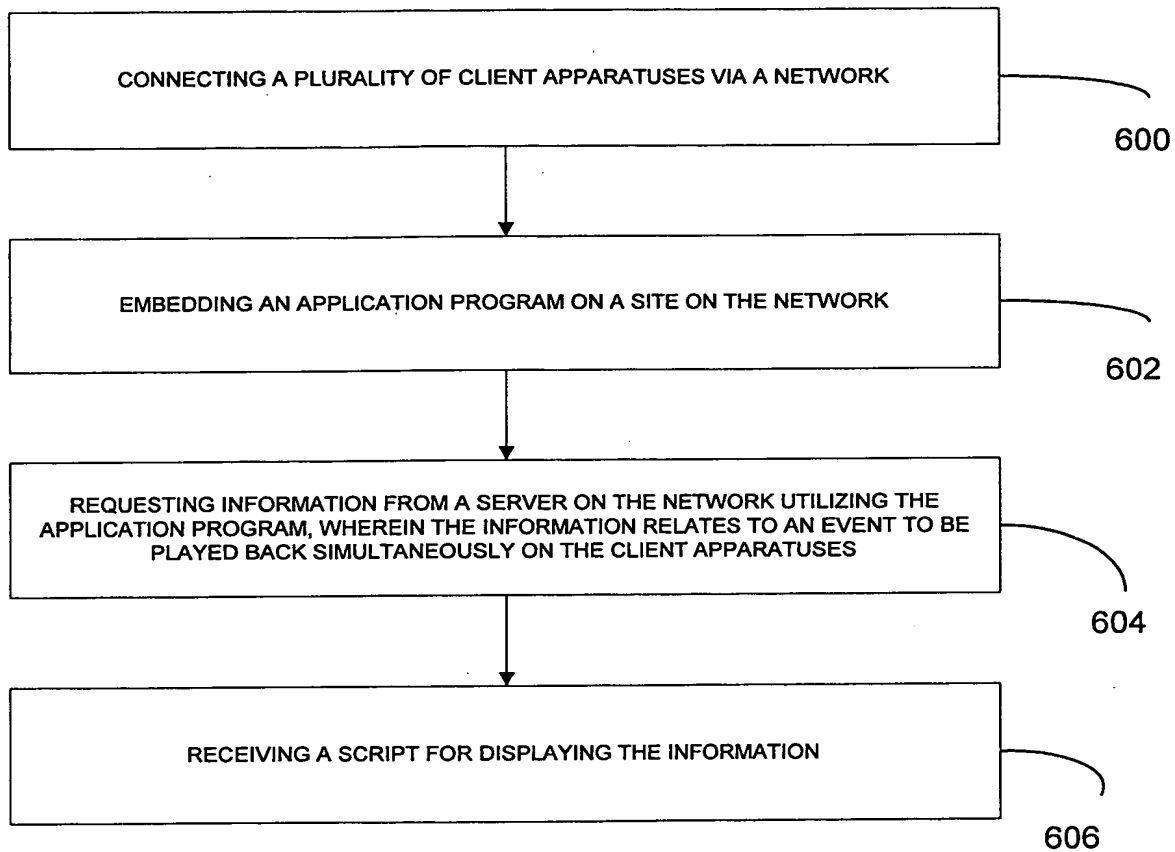


**Figure 4**



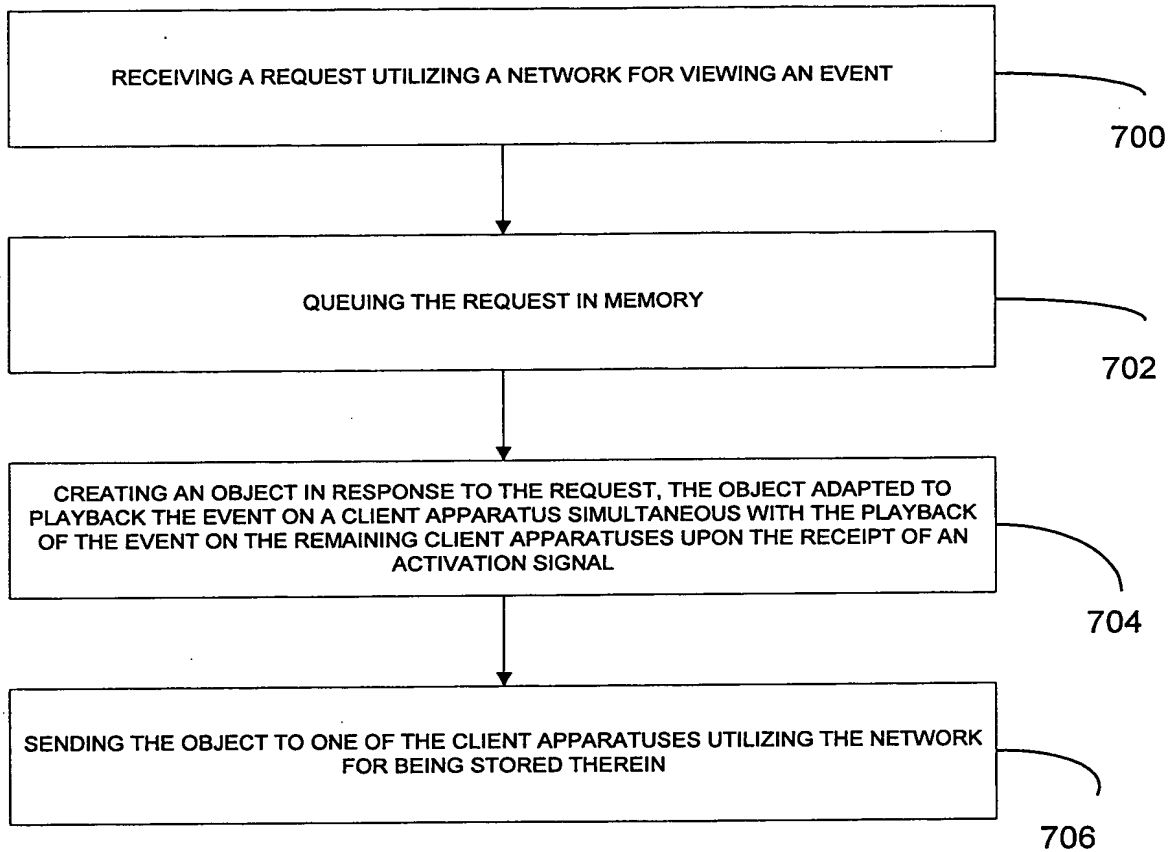
**Figure 5**

000270"00968460



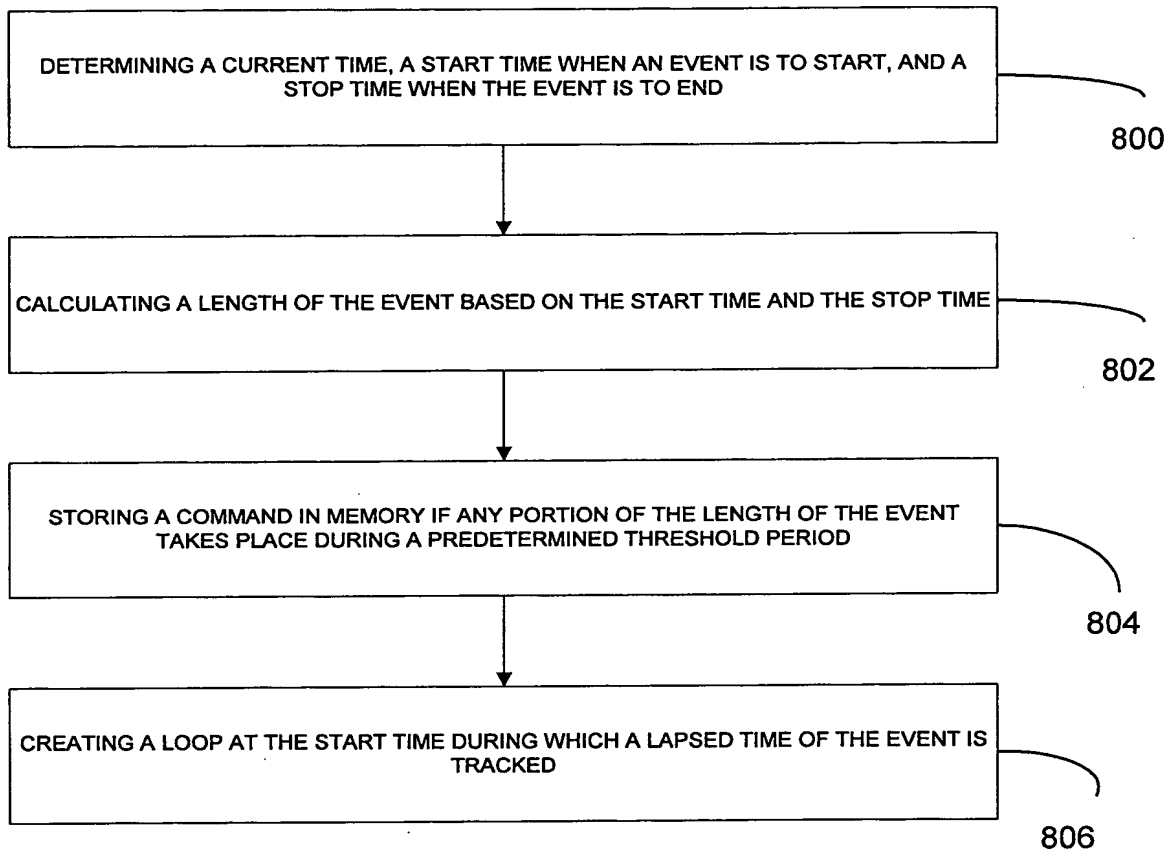
**Figure 6**

000270" 00968460



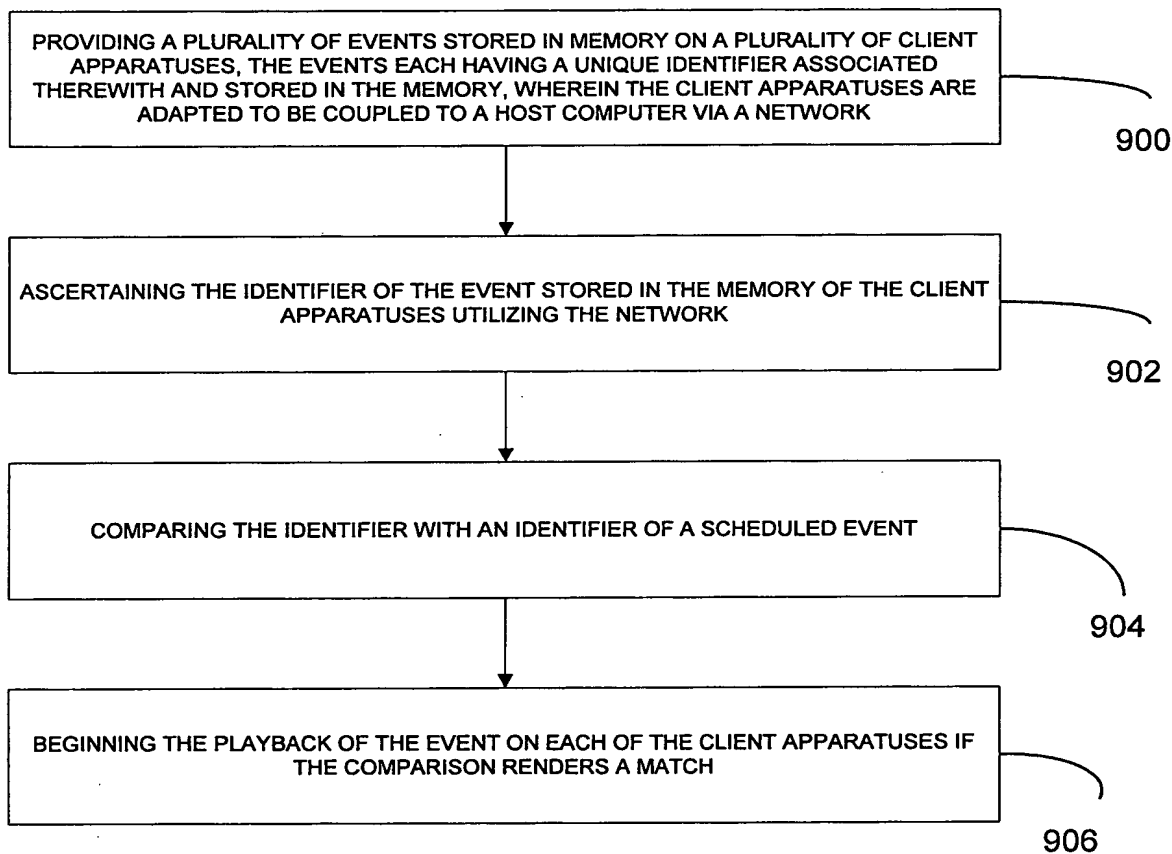
**Figure 7**

000270" 00968460



**Figure 8**





**Figure 9**

```
graph TD; 1000[IDENTIFYING A TYPE OF THE PLAYBACK DEVICE OF EACH OF THE CLIENT APPARATUSES] --> 1002[LOOKING UP A COMMAND ASSOCIATED WITH THE IDENTIFIED TYPE OF THE PLAYBACK DEVICE]; 1002 --> 1004[SENDING THE COMMAND TO THE CORRESPONDING CLIENT APPARATUS FOR BEGINNING THE PLAYBACK OF THE EVENT SIMULTANEOUSLY WITH THE PLAYBACK OF THE EVENT ON EACH OF THE REMAINING CLIENT APPARATUSES];
```

1000 IDENTIFYING A TYPE OF THE PLAYBACK DEVICE OF EACH OF THE CLIENT APPARATUSES

1002 LOOKING UP A COMMAND ASSOCIATED WITH THE IDENTIFIED TYPE OF THE PLAYBACK DEVICE

1004 SENDING THE COMMAND TO THE CORRESPONDING CLIENT APPARATUS FOR BEGINNING THE PLAYBACK OF THE EVENT SIMULTANEOUSLY WITH THE PLAYBACK OF THE EVENT ON EACH OF THE REMAINING CLIENT APPARATUSES

### Figure 10

The diagram illustrates a three-step process for creating a Layer Factory, divided into two main sections: DATABASE SERVER and WEB SERVER.

**Step 1: Create Layer Factory**

**Database Server:**

- SQLJob** (represented by a box with a thick border) initiates the process.
- An arrow labeled **1. Check Event** points down to **DBConnect** (represented by a box with a thick border).

**Web Server:**

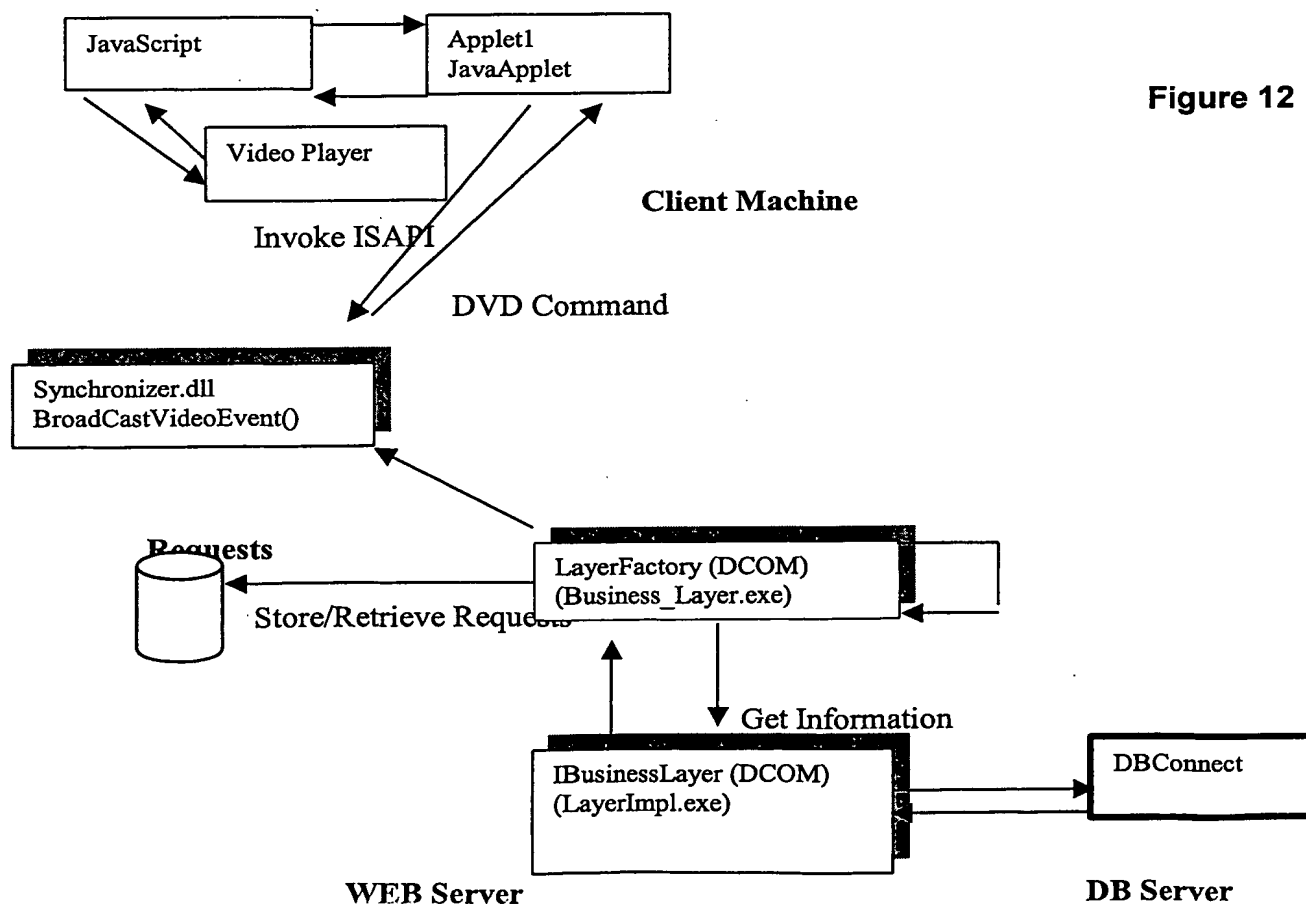
- An arrow labeled **2. Create Business Layer** points from **SQLJob** to **Business\_Layer.exe** (represented by a box with a thick border).
- An arrow labeled **3. Create Components** points down from **Business\_Layer.exe** to **Layer Factory (COM)** (represented by a box with a thick border).
- An arrow points from **Layer Factory (COM)** to a database cylinder icon.

**Labels:**

- DATABASE SERVER** is located at the bottom left.
- WEB SERVER** is located at the bottom right.

**Figure 11**

## Step 2: Process Users Request



**Figure 12**

000210" 00963460

1300

### Synchronizer Component

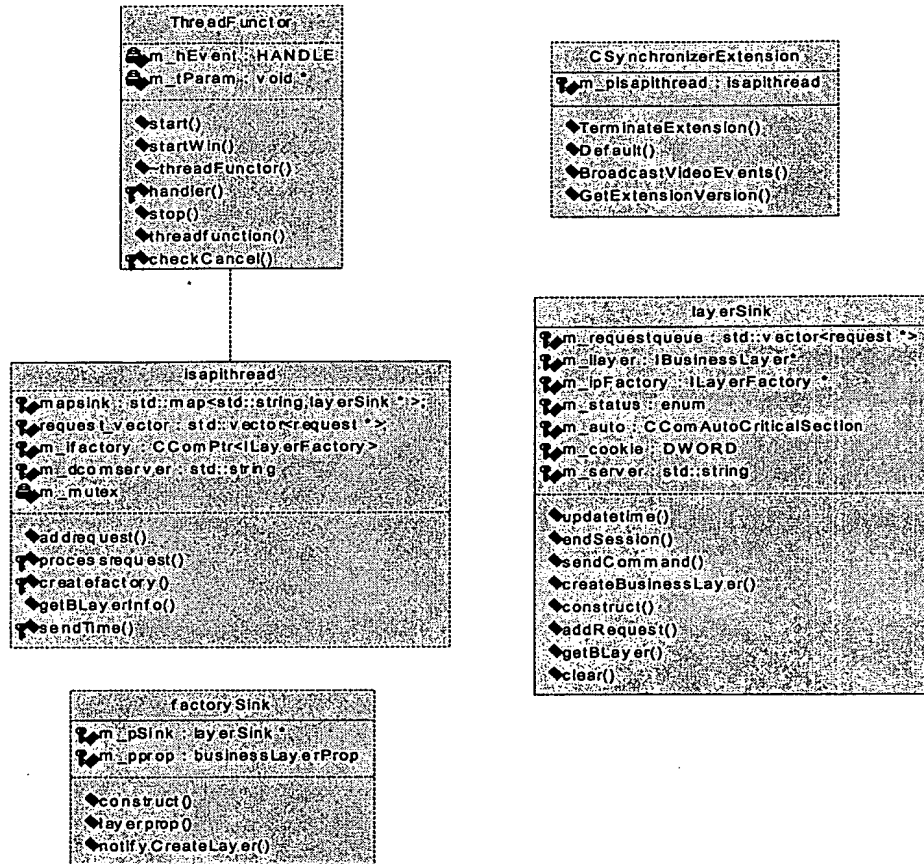


Figure 13

000270" 00968460

LayerImpl Component

1400

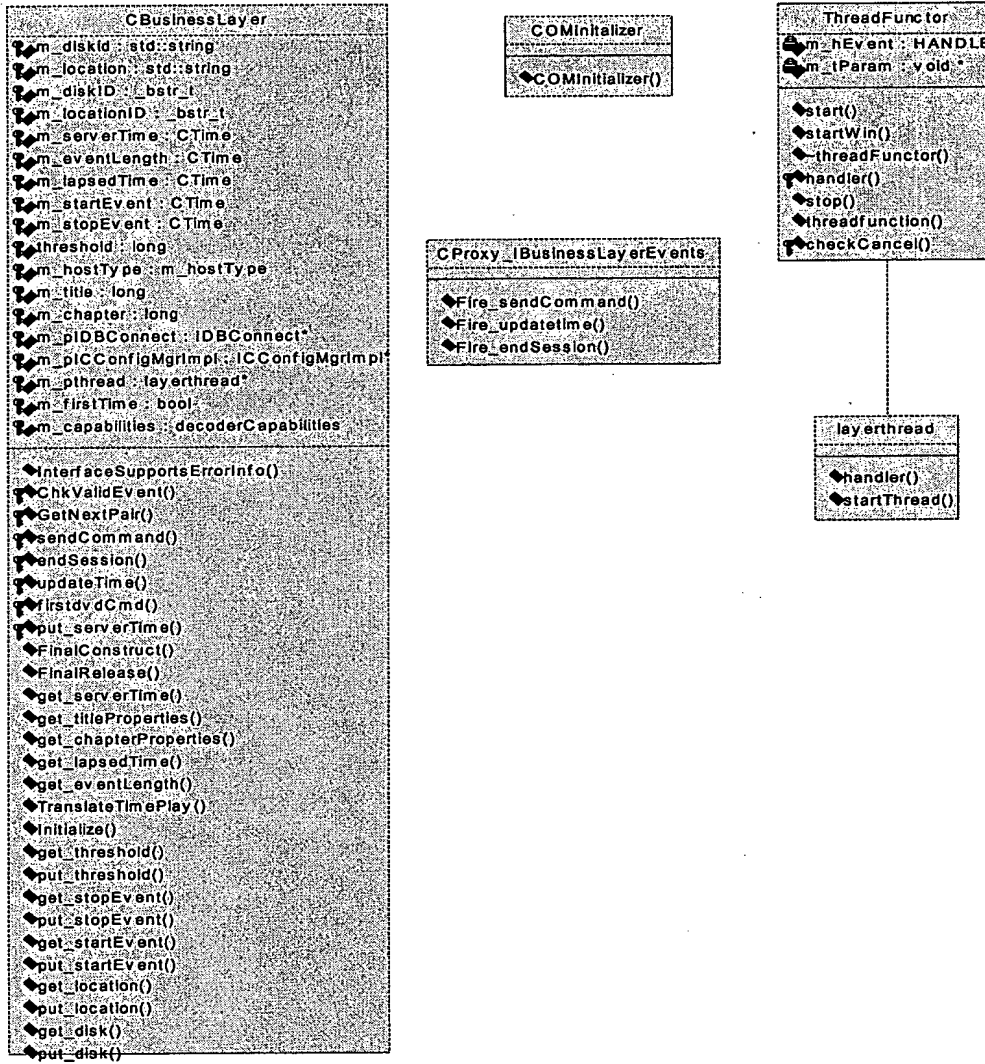


Figure 14

000210" 00968460

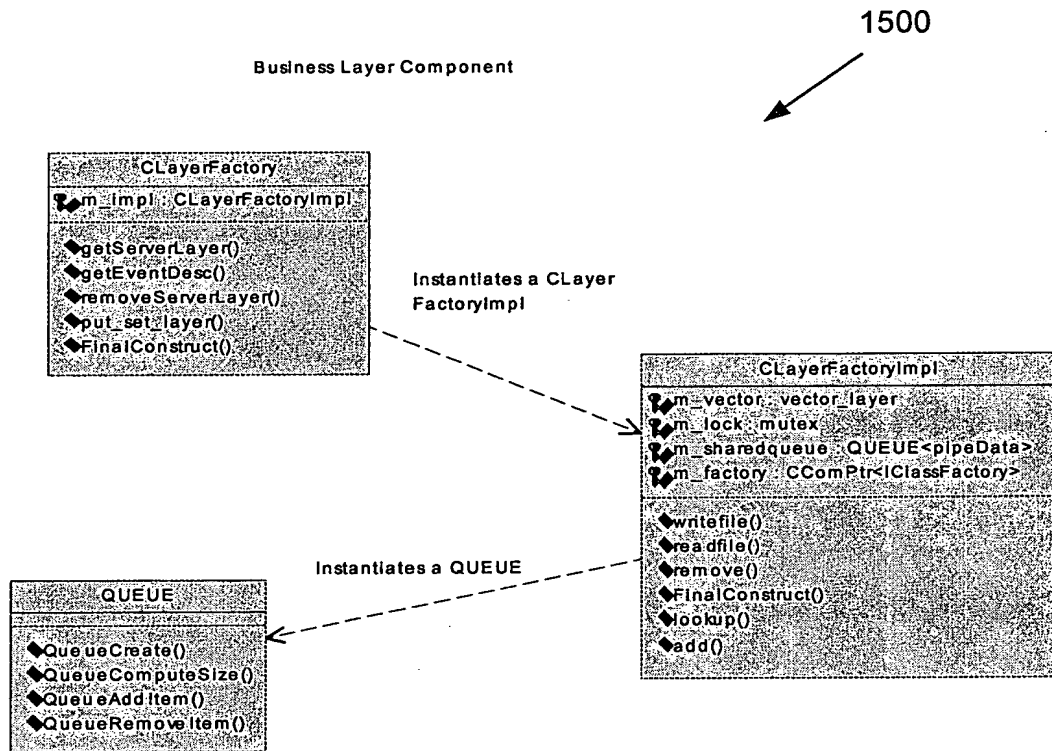


Figure 15

000270"00563460

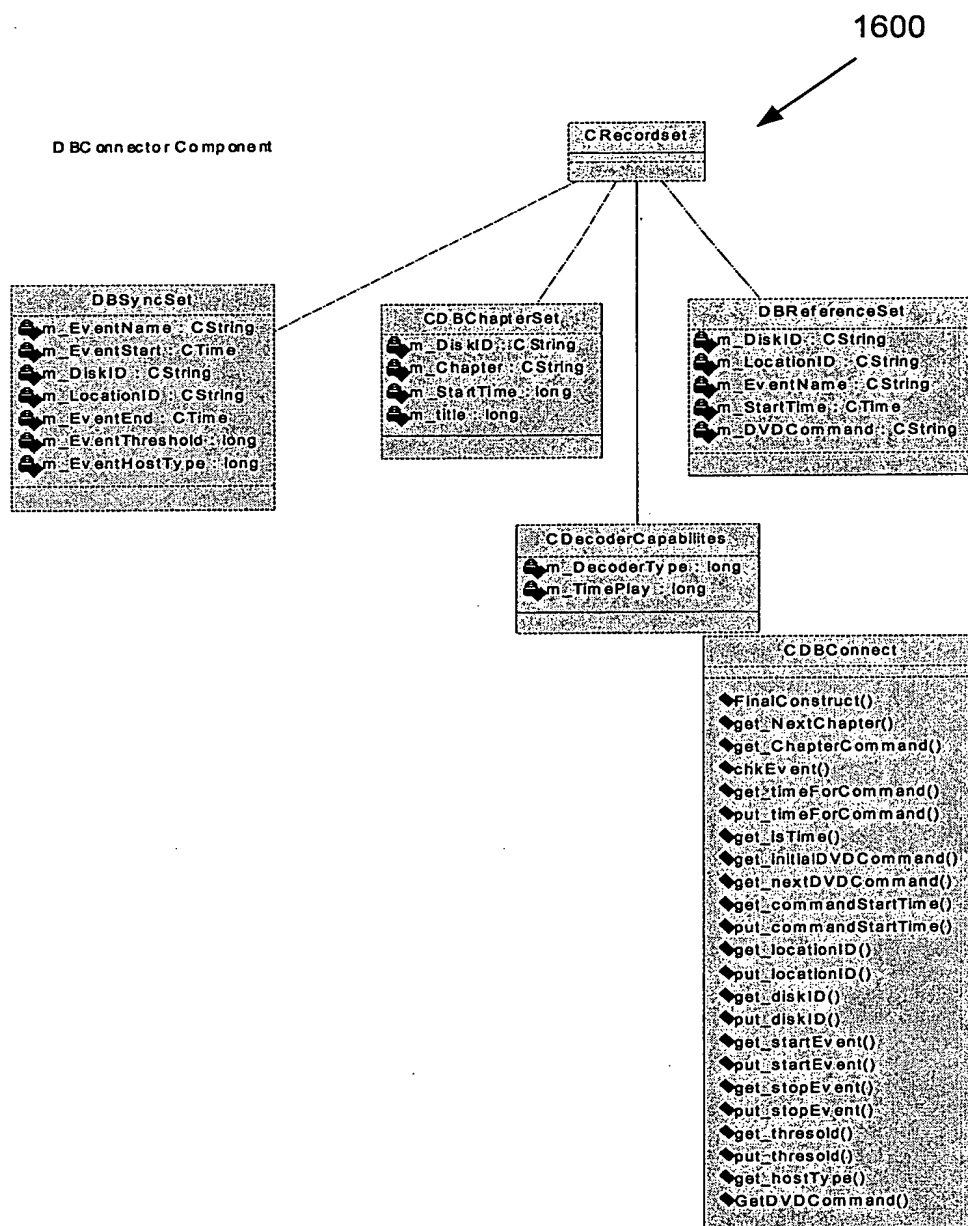


Figure 16

000270"00968460

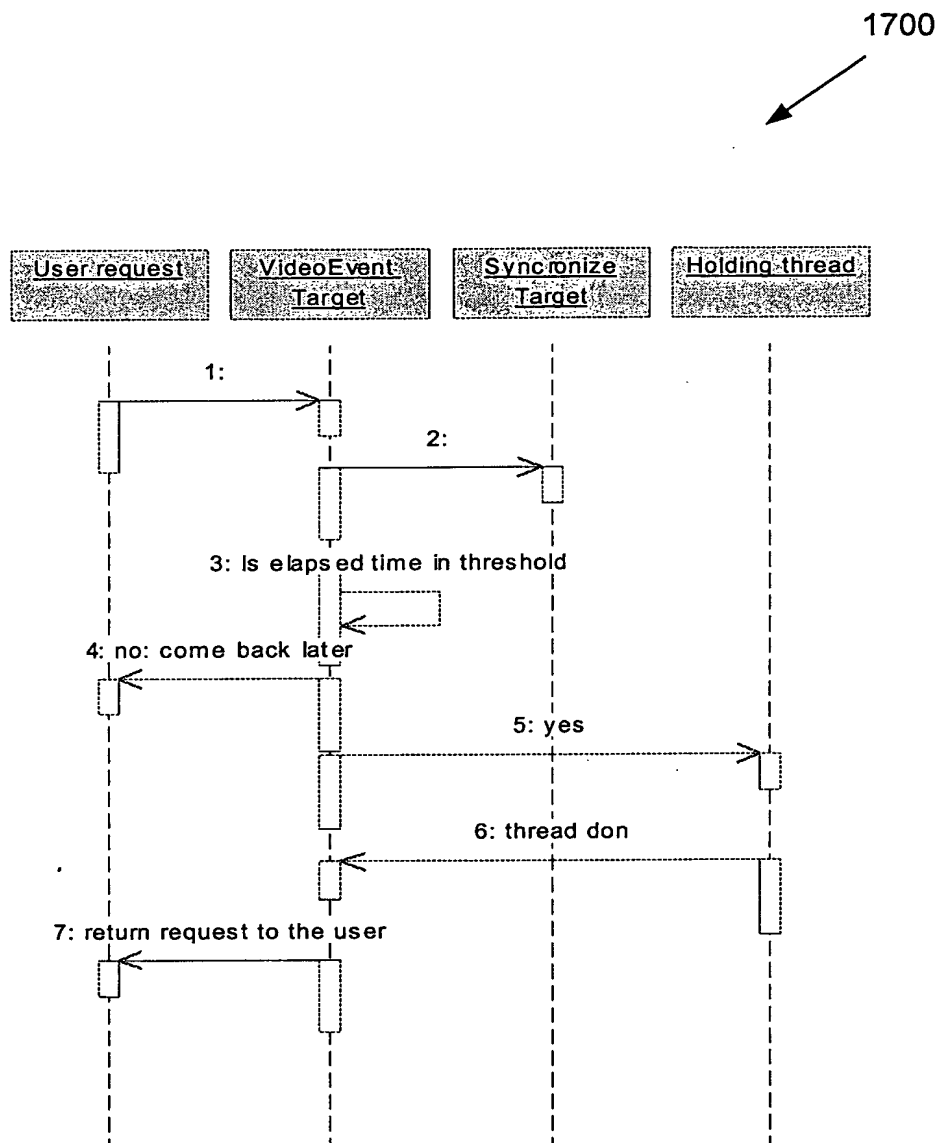


Figure 17



1800



000270" 00968760

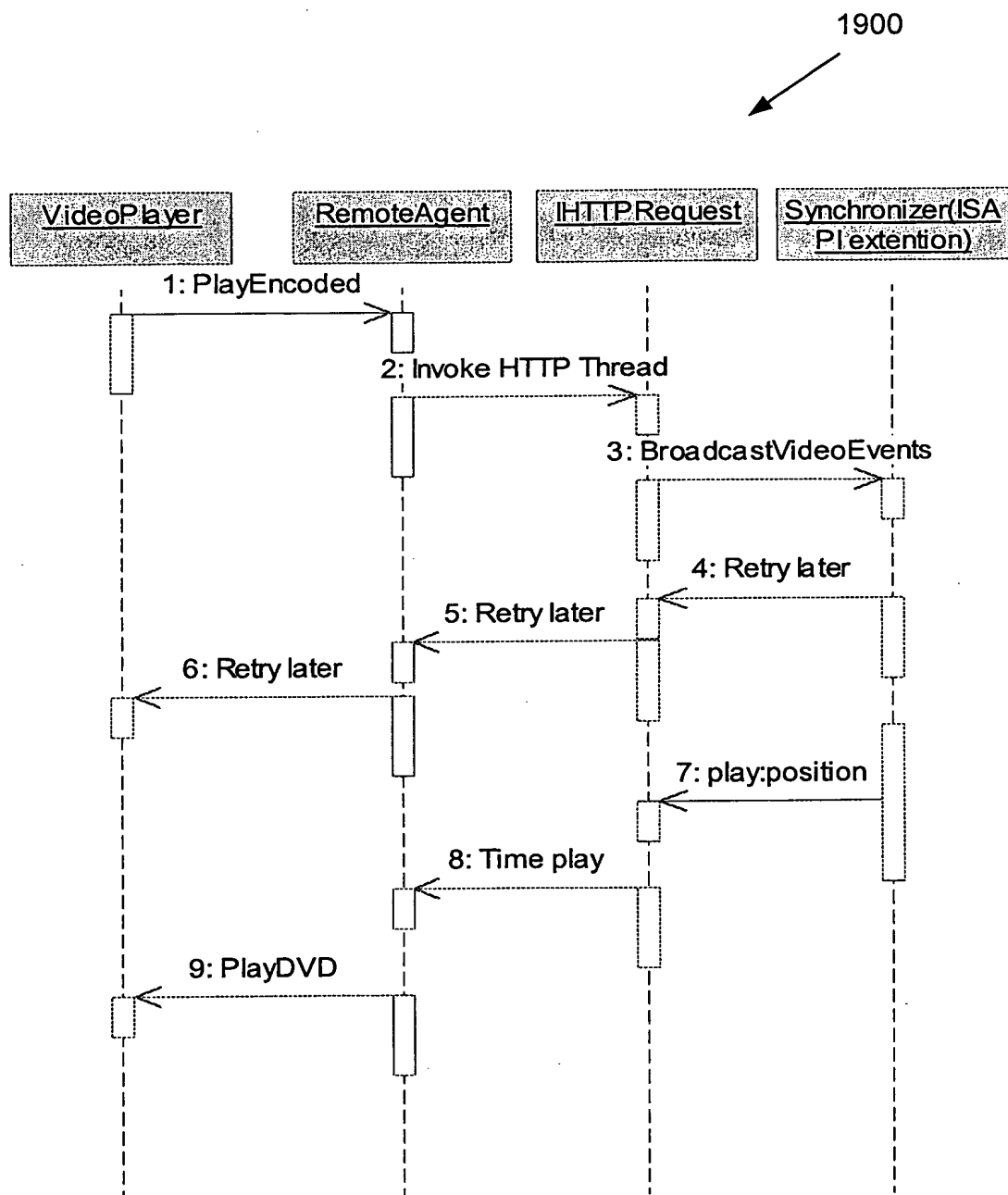


Figure 19